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PROTOTYPE REVISIONS							
ZONE	REV	DESCRIPTION	DATE	APPROVED	CHANGE CODE	EFFECTIVITY	REVISED BY
ALL SHEET 1 A2-2	PC1	GENERAL SYMMETRIC TOLERANCE ±.005 REMOVED ADDED SHEET FOR PROTOTYPE REVISION TABLE NOTE 1: ADDED ASTM A582 STANDARD NOTE 2: ADDED FINISH CALLOUT FROM NOTE 5 NOTE 3: ADDED .005 TO .010 MAX ADDED .107+.015/- .000 DIMENSION ADDED SURFACE ROUGHNESS VALUE	03/10/21	J. GARDINER	MDI	NEXT ORDER	O. SHYKOTA
A4-2		ADDED BILATERAL TOLERANCE AND "THRU TO BORE" NOTE					
A5-2		ADDED BILATERAL TOLERANCE AND "THRU TO BORE" NOTE					
A8-2		INCREASED DEPTH OF .107 HOLE: WAS .475 IS .500					
B1-2		INCREASED DEPTH OF 6-32 UNC HOLE: WAS .425 IS .450					
B6-2		ADDED 2B THREAD CLASS ADDED "5 PL EQLSP" NOTE					
C3-2		REMOVED SECTION D-D AND ADDED VIEW D-D ADDED BILATERAL TOLERANCE TO HEX DIMENSION					
C4-2		ADDED SURFACE ROUGHNESS VALUE					
C8-2		ADDED .773+.002/- .003 DIMENSION					
D4-2		ADDED R.015-.031 DIMENSION AND SURFACE ROUGHNESS VALUE					
D5-2		ADDED R.005-.020					
A1-3		ADDED UNF THREAD SERIES AND 3A THREAD CLASS ADDED BILATERAL TOLERANCE					
A4-3		ADDED .174 TYP DIMENSION					
A5-3		ADDED .015 X 45° DIMENSION					
B2-3		REVISED SAE J1926-8 PORT CALLOUT ADDED R.250 TYP DIMENSION					
B4-3		REPLACED .992±.002 DIMENSION WITH .049±.002					
B6-3		DIMENSION WAS .925±.002 IS .910±.002					
C1-3		REMOVED DIMENSIONS AND ADDED SAE J1926-5 PORT CALLOUT					
C2-3		REPLACED SYMMETRIC TOLERANCE WITH LIMIT TOLERANCE REPLACED Ø.499±.002 DIMENSION WITH .078-.082					
C4-3		ADDED SURFACE ROUGHNESS VALUE DIMENSION WAS .049±.002 IS .050-.054					
C5-3		ADDED SURFACE ROUGHNESS VALUE					
C8-3		DIMENSION WAS Ø.558±.002 IS Ø.558+.002/- .000					
D2-3		REPLACED Ø 1.125±.002 DIMENSION WITH .084-.089 EXPANDED CROP VIEW					
D3-3		MOVED 59.0° DIMENSION TO DETAIL E					
D4-3		ADDED SURFACE ROUGHNESS VALUE					
D6-3		ADDED SURFACE ROUGHNESS VALUES					
A2-4		ADDED R.010 4 PL DIMENSION					
C3-4		DIMENSION WAS Ø.874±.002 IS Ø.989-998					
C6-4		ADDED SURFACE ROUGHNESS VALUE ADDED BILATERAL TOLERANCE					
		ADDED REFERENCE VIEW TO SHOW OUTLET PORT					
		ADDED BILATERAL TOLERANCE					

ORIGINAL DATE
(MO-DA-YR)01/17/07

DRAWN BY
E. ANDERSSON

DRAWING APPROVAL
P. BRAVO
01/17/13

CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

DART
AEROSPACE

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

VALVE BODY

SIZE
B

CAGE CODE
07MZ6

DWG. NO.
645.6100

REV.
PC1

SCALE NONE

SHEET 1 OF 4

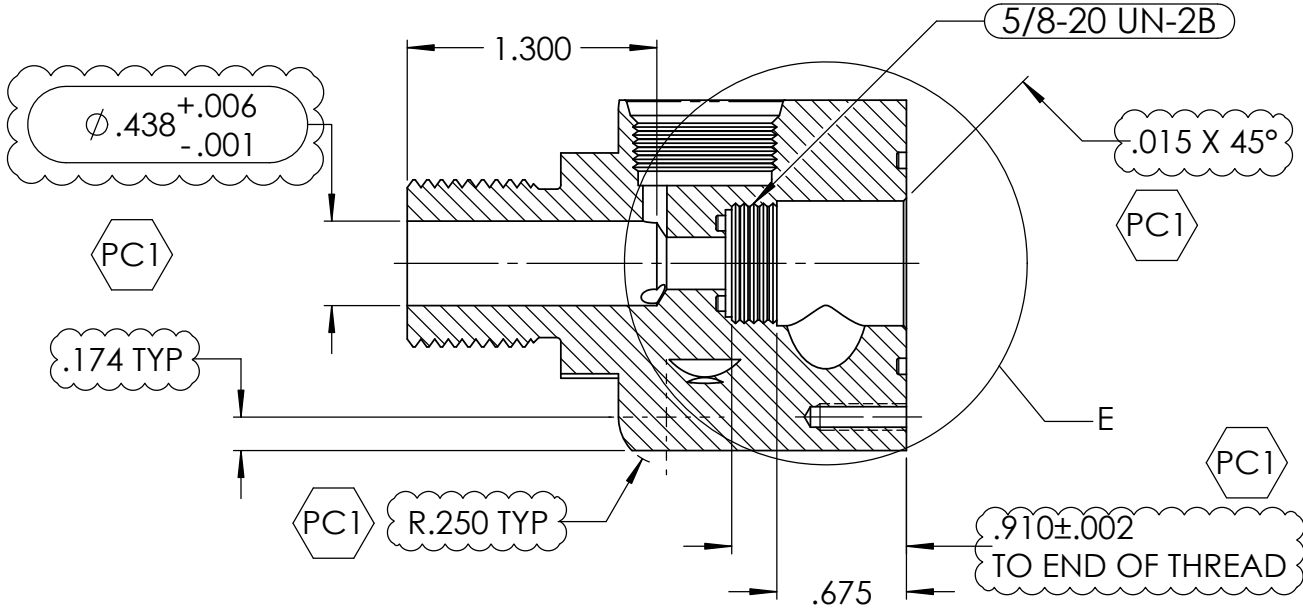
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A

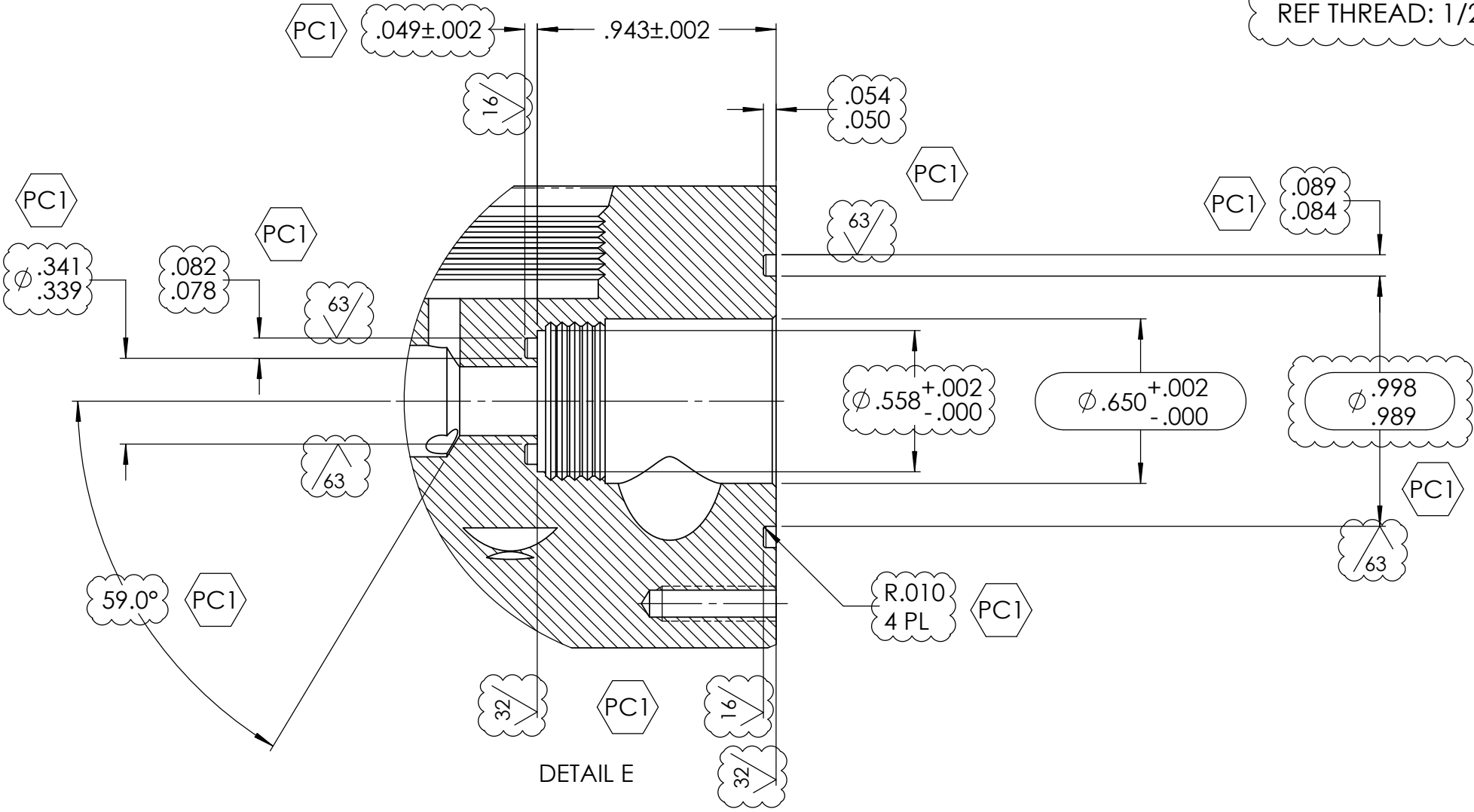
B

C

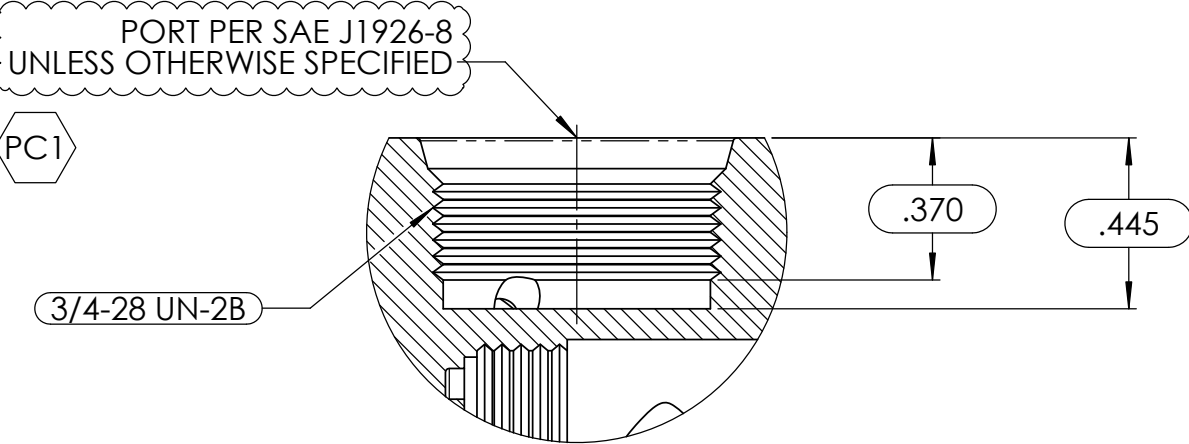
D



1/B3 SECTION A-A

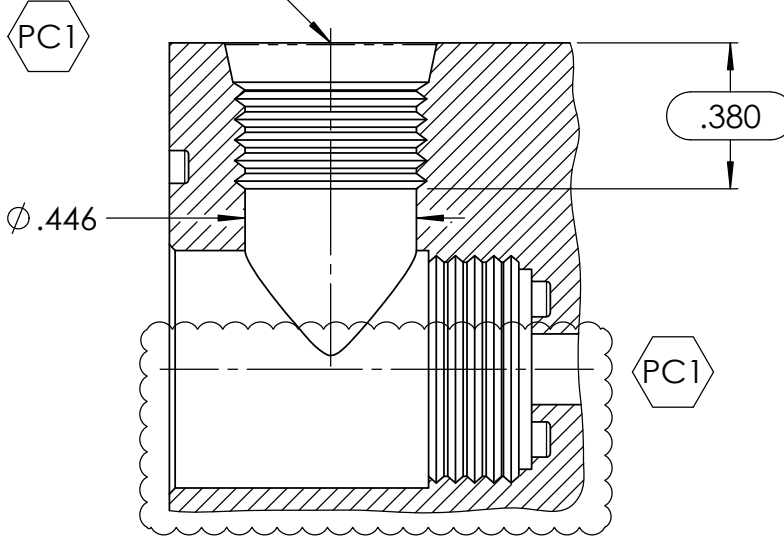


DETAIL E



SECTION B-B
ADAPTER PORT 4 PL
CROPPED AND ROTATED
FOR CLARITY

PORT PER SAE J1926-5
UNLESS OTHERWISE SPECIFIED
REF THREAD: 1/2-20 UNF - 2B



SECTION C-C
OUTLET PORT
CROPPED AND ROTATED
FOR CLARITY

ORIGINAL DATE (MO-DA-YR)	01/17/07
DRAWN BY	CHECKER
E. ANDERSSON	P. BRAVO
DRAWING APPROVAL	
P. BRAVO	
01/17/13	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS $\pm .010$
3 PLACE DECIMALS $\pm .005$
ANGLES $\pm .5^\circ$

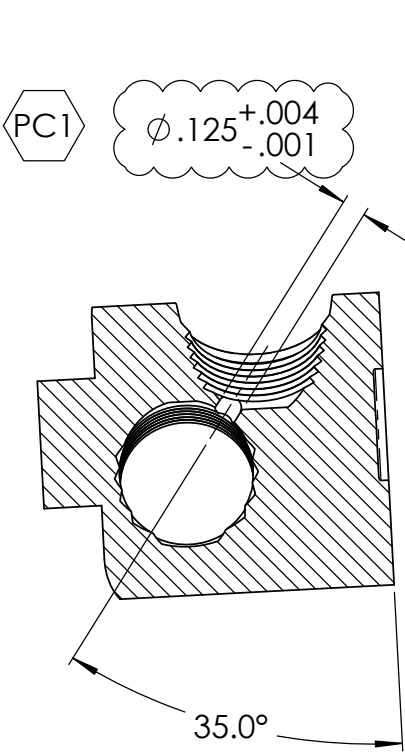
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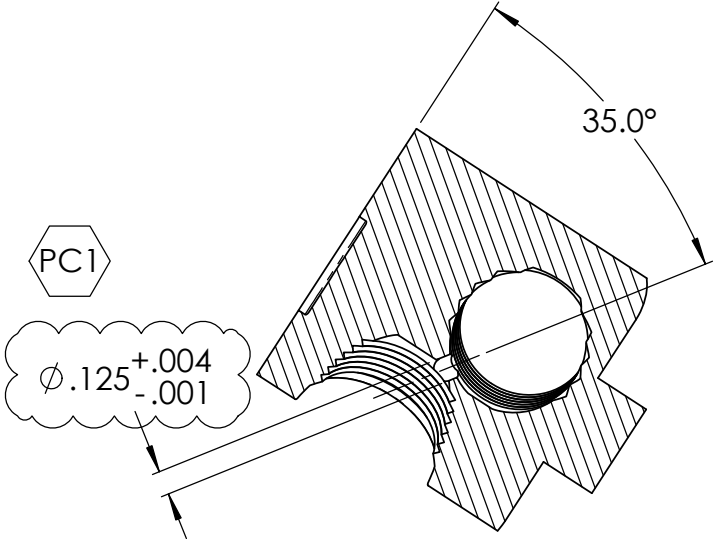
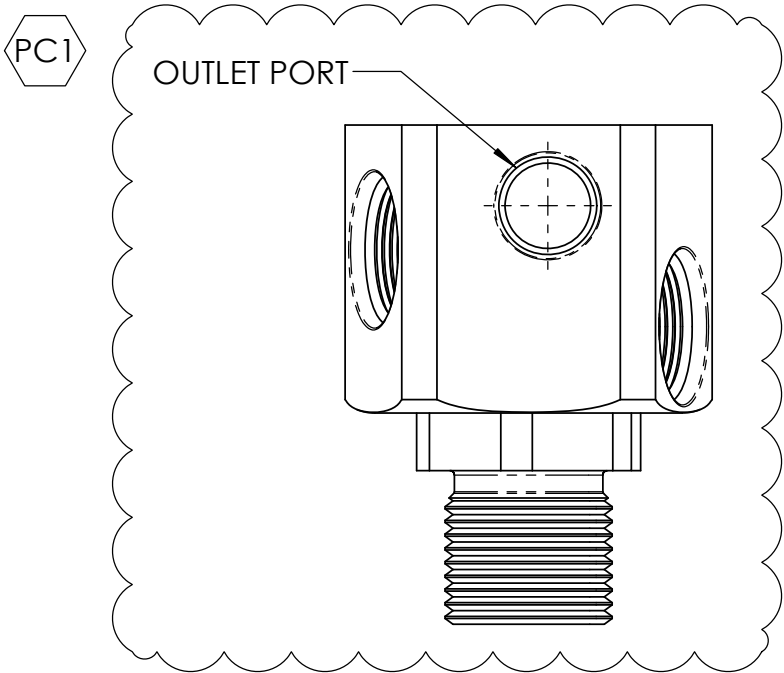
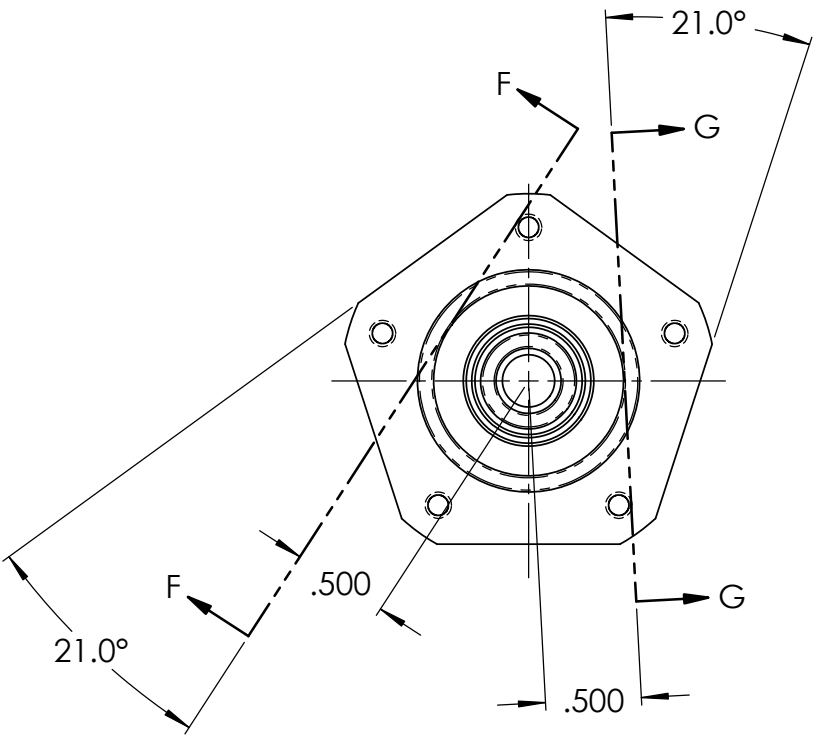
VALVE BODY

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	645.6100	PC1
SCALE	NONE	SHEET	3 OF 4

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SECTION G-G



SECTION F-F

ORIGINAL DATE (MO-DA-YR) 01/17/07	
DRAWN BY E. ANDERSSON	CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO 01/17/13	
CONTRACT No.	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.010
3 PLACE DECIMALS ±.005
ANGLES ± .5°

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VALVE BODY

SIZE B	CAGE CODE 07MZ6	DWG. NO. 645.6100	REV. PC1
SCALE NONE			SHEET 4 OF 4